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JTW

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**U.S.A**

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**Dear Mr. Derek Boles, Examiner**

**RE: Application No. 09/981,060**  
**Filing Date 10/18/2001**  
**Inventor: John Williams Tocher**  
**Confirmation No. 5703**  
**Art Unit 3749**

**Please find attached the amended Specifications for the Ultimate Vent for your review as requested in your communication dated 01/13/2003 and received 02/28/2005.**

**For your information Canadian Patent No. 2,326,241 was granted 04/13/2004.**

**John W. Tocher**



**United States Patent  
Specification**

**Ultimate Vent**

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**Int. CL**.....F24F-13/20  
**U.S.**.....

**References Cited  
U.S. Patent Documents**

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**Abstract**

An inexpensive fresh air intake pre-filtering device for make-up air is disclosed for use with a circulating forced air heating system that is installed on an outside wall of a building. The device is comprised of a polyethylene material with an outer flange for securing the fresh air intake to the exterior wall surface. The fresh air intake housing is structured to include an aluminum frame, two sided raised pattern grill of a RX Poly - Med filter medium, manufactured from 100% synthetic fibers. This is to prevent vermin, insects, pollens, and other pollutants from passing through, while permitting the 10% of air flow required by the Nation and Regional Building Codes for residential housing. This washable filter is easily removed or installed by the pull - tab on the front of the vent housing. This pre-filtering device is designed to prevent snow and rain from entering the fresh air intake duct.

**Statement of Sponsorship**

There is no Federal funding or research and development funds involved in this invention.